

67.7 mm

Dimension: $\Phi 147 \times 67.7 \text{ mm}$ Weight: $\leq 500 \text{ g}$

AT360

Geodetic Antenna

The AT360 is a super performance GNSS Antenna that can track GPS, GLONASS, BDS, Galileo, L-Band and SBAS. Featuring with high gain, low noise amplifier, high sensitivity and strong tracking capability, AT360 is a good choice for users to develop systems or solutions for land survey, agriculture, construction and deformation monitoring.

Antenna

GPS	L1, L2, L5
GLONASS	L1, L2
BeiDou	B1, B2, B3
Galileo	E1, E5a, E5b
SBAS	WAAS, EGNOS, MSAS, SDCM, GAGAN, BDSBAS
L-Band	
Nominal Impedance	50 Ω
Polarization	RHCP
Axial Ratio (90°)	$\leq 3 \text{ dB}$

LNA

LNA Gain	40dB $\pm$ 2dB
Noise Figure	$\leq 2 \text{ dB}$
VSWR Output	≤ 2.0
Operation Voltage	3.3 - 15 VDC
Operation Current	$\leq 45 \text{ mA}$
Passband Ripple	$\pm 2 \text{ dB}$
Gain at Zenith	5.5dBi
Phase Center Offset	$\pm 2 \text{ mm}$

Physical

Dimension	$\Phi 147 \times 67.7 \text{ mm}$
Connector	TNC Female connector
Weight	$\leq 500 \text{ g}$

Operating Temperature	-40 $^{\circ}\text{C}$ to +70 $^{\circ}\text{C}$
Storage Temperature	-55 $^{\circ}\text{C}$ to +85 $^{\circ}\text{C}$
Humidity	95% No-condensing
Waterproof and Dustproof	IP67

Features

Support GPS L1/L2/L5, GLONASS L1/L2, BDS B1/B2/B3, Galileo E1/E5a/E5b, SBAS and L-Band

Low noise amplifier and high gain

Millimeter level phase center error with outstanding stability and repeatability

Strong capability of tracking satellites at low elevation angle

Superior waterproof and dustproof design

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